

Tree City USA Workbook



Tree City USA is sponsored by *The National Arbor Day Foundation* in cooperation with the *Missouri Department of Conservation*.





WELCOME TO *TREE CITY USA!*

Participating in The National Arbor Day Foundation's *Tree City USA (TCUSA)* program represents a strong community commitment to management of your tree and other natural resources. The Missouri Department of Conservation (MDC) strongly believes in this program. We feel it demonstrates commitment to care for publicly owned trees and would like all Missouri communities to achieve certification.

Get on the bandwagon and join 69 other communities in Missouri which have been certified. Each year an average of 5 new communities meet the certification requirements. Your community can be one of these new communities!

To encourage participation, MDC is ready to provide your community with technical and educational assistance to develop a sustainable community forestry program. In addition, our cost share program offers an additional match for any approved project that is within the corporate limits of a currently certified *TCUSA*.

This workbook will help your community achieve certification. It contains step-by-step instructions to walk the "first time" *TCUSA* applicant through the application process. The National Arbor Day Foundation has set four standards for certification. This workbook outlines each. We've also included helpful ideas to make the process as simplistic as possible. The sample application should serve as a guide only.

Please take time to carefully read through the application procedures and attached information. If you have any questions or concerns, please feel free to call the MDC Forestry Division at (573) 522-4115 X 3116, or the MDC Forestry Regional Supervisor in your area.

This workbook is adapted from a publication by the Department of Forestry, Fisheries, and Wildlife, Nebraska Forest Service.

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Applying for TCUSA Certification

This workbook is intended to assist your community in successfully completing each of the four standards required by The National Arbor Day Foundation to become a Tree City USA.

Please refer to the enclosed Application as each Standard is discussed. A completed sample of each requirement is provided.

STANDARD 1 Tree Board or Department

List the date of establishment of board, board members, and meeting dates of the past year.

On the sheet titled Tree Advisory Board, provide the following information:

1. Date tree board was established
2. Current tree board members
3. Contact address and phone number
4. Any offices that the members may hold on the board
5. List meeting dates separately or indicate, for example, that you meet the first Monday of every month and a brief description of meeting focus (see sample, Appendix).

STANDARD 2 Community Tree Ordinance

Write in the date your community tree ordinance was established and attach an official copy of the ordinance.

Your community tree ordinance must address how the city will care for public trees. Please see the example included in the Appendix. Ordinances which are tree preservation or tree conservation in nature may not qualify. The focus of the Tree City USA program is to encourage communities to take the best care possible of trees that are directly their responsibility (i.e. road rights of way, parks, city hall, etc.). Tree care responsibilities may be covered in part in other existing ordinances.

STANDARD 3 Community Forestry Program with Annual Budget of at Least \$2 Per Capita

Fill in the total community forestry expenditures for the past year and the current community population. Remember the minimum total expenditure is \$2 per capita (per person). Provide your annual work plan and budget (see Financial Worksheet on page 14).

- In the space provided on the application, fill in the total community forestry expenditures for the past year and the current population. The TCUSA Qualifying Expenditures section will give you some good ideas on costs to include. Many communities easily surpass the \$2 minimum once all costs are counted. Most communities average more than \$8.00 per capita.
- Complete the Financial Worksheet or submit a breakdown of your community's tree expenditures. It is essential that you provide complete and accurate information.

Hint: Ask the city clerk to assist in breaking down expenses both in-kind and actual expenditures. Report costs for a 12 month period. You can use expenditures from the past calendar year or fiscal year.

- To aid you in tracking your accomplishment and expenditures throughout the year, we recommend that your Tree Board develop a Mission Statement, an Annual Work Plan, and an Accomplishment Report. These documents will help you figure what projects were actually done and the associated costs. You are required to include a copy of your annual work plan with your application.

MISSION STATEMENT: A simple sentence that states, in general terms, what your tree advisory board is trying to accomplish.

ANNUAL WORK PLAN: Check off planned activities for the upcoming year. Try to include a variety of projects (i.e. planting, education, social, etc.). Work closely with your MDC Forestry Regional Supervisor or Urban Forester; he/she can provide direction and assistance (see page 10 to locate your local Forester).

ACCOMPLISHMENT REPORT: Check off the tasks accomplished during the past year associated with your community forestry program, and add any that are not listed.

- The Annual Work Plan and Accomplishment Report should be reviewed by the Tree Board yearly. Annual review is part of a proactive plan.

STANDARD 4 Arbor Day Observance and Proclamation

Fill in the date your community observed Arbor Day. Attach documentation showing the activity was held, complete with a reference to Arbor Day. Attach your Mayor's Arbor Day Proclamation.

NOTE: Make a file of articles and pictures, photo copies, announcements, programs, tree board meeting minutes, etc., that have anything to do with the Arbor Day observance and celebration. Submit the best one or two items that show how Arbor Day was planned and celebrated in your community with your application.

Signature Required

The person who submitted the application (name appears at the top of the page) must sign the application on the line just below Standard 4.

Mayor or equivalent

In the space provided, fill in the name of the mayor, city commissioner, or whoever is acting as the leader of your community. A complete address is necessary.

City Forestry Contact

In the space provided, fill in the name of the person designated as your community forestry contact. This person should be employed by the city or be on the Tree Board and can be the City Forester, Parks Supervisor, Village or Town Maintenance person, Public Works Director, City Manager, volunteer, etc. A complete address is necessary.

NOTE: This is not the MDC Forestry Regional Supervisor or your local MDC Urban Forester.

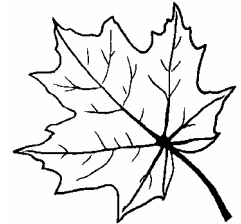
TCUSA QUALIFYING EXPENDITURES (for Certification and Recertification)

The following expenses for public tree care (street, parks, cemeteries, etc.) may be counted toward the \$2 per capita requirement of **Standard 3**:

- Administrative time
- Arbor Day program
- Biomass recycling
- City workers' salaries (or percentage thereof if tree care is a portion of their job)
- Computer inventory software
- Contract tree work
- Hazard tree removal
- Equipment maintenance
- Equipment purchases (large equipment can be depreciated over life span)
- Equipment rental (chipper, bucket truck, stump grinder, etc.)
- Tree board salary (most are volunteer, some are paid)
- Insect control
- Insurance
- Leaf & brush pick-up
- Memberships and donations to tree organizations
- Mulching
- Prizes for contests
- Pruning by city employees
- Education materials, brochures, newsletters, etc.
- Tree care conferences and workshops attended by city workers and/or volunteers

- Stump removal
- Survey or inventory expenses
- Fertilizing
- Staking
- Tree purchases and planting
- Watering

Grant monies expended by your community for any of these items may be counted. Check with your MDC Forestry Regional Supervisor to see if any grants for planting or management were approved for your community.



At state discretion the following items may also be counted:

- ***Volunteer labor/time*** (at a reasonable and uniformly applied rate) not to exceed 20% of the minimum per capita expenditure required for certification.
- ***Donated materials*** (including trees)
- ***Tree pruning by municipal utility*** not to exceed 20% of the minimum per capita expenditure required for certification.



TCUSA PROGRAM IDEAS

The following list can be used as a source of ideas to enhance your Tree City USA program. Don't limit yourself to the options listed here. Creativity is encouraged.

Education

- School Arbor Day programs - essay or poster contest, plays/skits, tree planting, etc.
- Attend state community forestry conferences
- Participate in MDC tree care workshops
- Attend conference(s) such as those offered The National Arbor Day Foundation or the Missouri Community Forestry Council
- Tree recycling program
- Proper tree planting and/or workshops
- Publications

Group/Community Activities

- Representation at annual TCUSA award ceremony
- Dedication of TCUSA sign
- Tree Planting Ceremony

Awareness/Promotion

- News media - radio, television, newspaper
- Public meetings
- Community organizations
- Champion tree program
- Utilize materials from the Missouri Community Forestry Council's Anti Tree Topping public service campaign



Monthly Reminder Calendar

JANUARY	FEBRUARY	MARCH
<ul style="list-style-type: none"> * Review annual work plan * Attend Missouri Community Forestry Council Conference 	<ul style="list-style-type: none"> * Attend Tree Care Workshop * Call nursery to confirm tree order * Complete Arbor Day Proclamation 	<ul style="list-style-type: none"> *Conduct maintenance pruning * Conduct tree care or tree planting workshop for community

APRIL	MAY	JUNE
<ul style="list-style-type: none"> * Hold your Arbor Day Ceremony with signed Mayor's Arbor Day Proclamation * Tree City USA awards announced * Host a tree planting workshop for the community 	<ul style="list-style-type: none"> * Tree planting finished * Begin watering new trees 	<ul style="list-style-type: none"> * Conduct tree inventory and inspections * Remulch trees planted 2 years ago

JULY	AUGUST	SEPTEMBER
<ul style="list-style-type: none"> * Hold public education programs * Plan next year's tree planting * Apply for Missouri Arbor Award of Excellence 	<ul style="list-style-type: none"> * Promote benefits of trees 	<ul style="list-style-type: none"> * Conduct public school education programs *Hold a pruning/maintenance workshop for city personnel

OCTOBER	NOVEMBER	DECEMBER
<ul style="list-style-type: none"> * Start work on Tree City USA application * Finalize planting plans for next year 	<ul style="list-style-type: none"> * Work on Tree City USA application * Order trees for spring planting *Begin fall tree planting 	<ul style="list-style-type: none"> * Finish Tree City USA application and MAIL to the Missouri Dept. of Conservation's State Forester in Jefferson City.

Common Mistakes on Applications And How to Avoid Them

- 1. Be sure to mail application to State Forester NOT your local MDC Forester**
Send your application to:
State Forester
Missouri Dept. of Conservation
P. O. Box 180
Jefferson City, MO 65102
- 2. Use 2000 Census Figures**
Available at http://mcde2.missouri.edu/websas/dp1_2kmenus/mo/Places/
- 3. Do not include mowing and golf course maintenance costs (equipment, personnel, etc.)**
Such costs do NOT count toward the *community forestry expenditures* you are asked to document. Remember count only those costs (equipment, personnel, etc.) associated with tree care, maintenance, and planting.
- 4. Only 20% of the required \$2 per capita may be from municipal utility trimming/planting.**
Please indicate if you've already reduced your figure by the 20%.
- 5. Only 20% of the required \$2 per capita may be from the cost of volunteer time.**
Please indicate if you've already reduced your figure by the 20%. Volunteer time can be calculated using the per hour figure provided by the Independent Sector at http://www.independentsector.org/programs/research/volunteer_time.html
- 6. Do not send your ordinance every year for recertification.**
Send ordinance only if you've changed in the past 12 months.
- 7. Do not send receipts for everything.**
Just be clear in outlining your expenditures. Don't lump into big categories (i.e. \$10,000 or more) without clear explanation.
- 8. Lacking a substantial Arbor Day event that engages your citizens.**
 - Be sure to call it an Arbor Day celebration not a general "Earth Day" celebration.
 - Must have an Arbor Day Proclamation on *city letterhead, with city seal, and dated for the appropriate year*. Please don't send a sheet of paper with just words and a signature or even worse the proclamation downloaded from The National Arbor Day Foundation's web site complete with the web address at the bottom of the page.
- 9. Be sure to include a work plan**
You must outline the work carried out during the past year.
- 10. There is no need to over-night or Fed Ex your application.**
Your community's application must be *postmarked* by December 31st.
- 11. Submitting application in a binder, cover, or notebook.**
We separate the application and keep only the documentation
- 12. Meeting minutes not necessary**
- 13. The year for which you are requesting certification is the one immediately previous.**

MISSOURI DEPARTMENT OF CONSERVATION OFFICES

Central

1907 Hillcrest Drive
Columbia 65201
573/884-6861

Kansas City

3424 N. W. Duncan Road
Blue Springs 64015
816/655-6250

Northeast

3500 S. Baltimore
Kirksville 63501
660/785-2420

Northwest

701 James McCarthy Drive
St. Joseph 64507
816/271-3100

Ozark

551 Joe Jones Blvd.
P.O. Box 138
West Plains 65775
417/256-7161

St. Louis

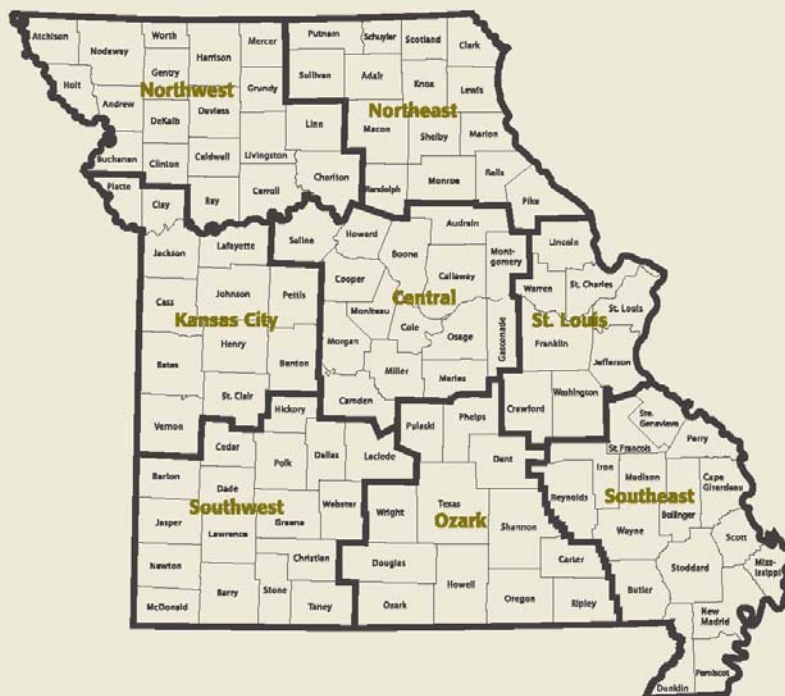
2360 Highway D
St. Charles 63304
636/441-4554

Southeast

2302 County Park Drive
Cape Girardeau 63701
573/290-5730

Southwest

2630 N. Mayfair
Springfield 65803
417/895-6880



TCUSA CERTIFICATION CHECKLIST

(DO NOT RETURN WITH APPLICATION)

- _____ Complete TCUSA application
 - Supply all required information
 - Be sure to sign application

- _____ Copy of Adopted Ordinance (only if updated in the last 12 months)
 - Needs to be signed and dated

- _____ Complete Financial Worksheet
 - City Clerk or equivalent is a good source of information
 - Use the list of qualifying expenditures
 - Give appropriate consideration to mission statement, accomplishment report, and annual work plan

- _____ Completed Annual Work Plan
 - Include current Mission statement for Board
 - Highlight accomplishments in last 12 months
 - Identify planned tasks for the next 12 months

- _____ Documentation of Arbor Day Events
 - Copy of Mayor's Arbor Day Proclamation
 - Corroboration of the event (news articles, photos, newsletters, meeting announcements, programs, minutes of tree board meeting, etc.)

Mail application to:

State Forester
Missouri Dept. of Conservation
P.O. Box 180
Jefferson City, MO 65102

Note: It is important that your TCUSA application be submitted as soon as possible; the official deadline is December 31 of the year of application. If there is a delay, please call the Missouri Dept. of Conservation's Community Coordinator Justine Gartner at (573) 522-4115 ext 3116 and let her know. She will be glad to assist you with any problems.

TCUSA Growth Award

If your community was certified as a Tree City USA last year and has submitted an application for recertification this year, you may also apply for a *Tree City USA Growth Award*. The *Tree City USA Growth Award* is designed to recognize community forestry programs that are continually growing and improving.

Eligibility for a Growth Award

- Your community must have been recognized as a Tree City USA last year and have submitted an application for recertification this year.
- Your community must have spent at least as much on its community forestry program this year as it did last.

Application Procedures

- Your community is eligible to apply for this award each year if you complete eligible activities totaling 10 or more points from the four categories listed below.

Category A: Education and Public Relations

Category B: Partnerships

Category C: Planning and Management

Category D: Tree Planting and Maintenance

- A list of eligible activities under each category can be found in the TCUSA *Growth Award* Application.
- Submit a completed TCUSA *Growth Award* Application.

Awards If your community qualifies you will receive:

- A *Tree City USA Growth Award* banner for your community entrance signs
- A plaque with your community name and a Growth banner emblem denoting the year your community received the award
- Appropriate local and statewide recognition
- Communities that earn the *Growth Award* for ten years receive special *Sterling Tree City USA Designation*.

Internet Resources October 2006

Magazines, Organizations & Commercial Web Sites

Green Media Online

760 Market St. #432

San Francisco, CA 94102

<http://www.greenmediaonline.com/verticalhome/arboriculture.asp>

Grounds Maintenance

PO Box 12930

Overland Park KS 66282

<http://www.grounds-mag.com/>

Tree Care Industry Assoc.

3 Perimeter Rd. Unit 1

Manchester, NH 03103

<http://128.241.193.252/index.aspx>

(formerly the National Arborist Association)

American Forests

PO Box 2000

Washington DC 20013

<http://www.americanforests.org/>

Missouri Conservationist

<http://www.mdc.mo.gov/conmag/>

The National Arbor Day Foundation

www.arborday.org

TreeLink

www.treelink.org

International Society of Arboriculture

Champaign IL 61826-3129

<http://www.isa-arbor.com/>

Download **publications**:

**Guidelines for Developing and Evaluating Tree Ordinances*

Society of Municipal Arborists

P.O. Box 11521

St. Louis, MO 63105

Phone: 314-862-3325

www.urban-forestry.com/

Forest ReLeaf of MO

<http://www.moreleaf.org>

Phytosphere Research

<http://phytosphere.com>

The National Urban & Community Forestry Advisory Council

www.treelink.org/nucfac

LGEAN - Local Government Environmental Assistance Network

www.lgean.org

Government Sites

Hazard Tree Web Page

http://na.fs.fed.us/fhp/hazard_tree/

Plants Database

<http://plants.usda.gov/>

Ohio State University

Insect & disease Info

<http://ohioline.osu.edu/lines/trees.html>

Woody Plant Seed Manual

<http://sedoparking.com/parking.php4?domain=wpsm.net>

University of Missouri -- Columbia -- Horticulture

<http://muextension.missouri.edu/xplor/agguides/hort/index.htm>

Minnesota Office of Environmental Assistance

Sustainable Communities Info

www.moea.state.mn.us/sc/index.cfm

Mobil Community Tree Inventory

Free tree inventory software application

www.umass.edu/urbantree/mcti/

Forestry Images

Health & mgt images

<http://www.forestryimages.org/>

U.S. State & Local Gateway

(sustainable community development)

http://www.firstgov.gov/Government/State_Local.shtml

Government Sites (continued)

USFS NE Area State & Private Forestry

<http://www.na.fs.fed.us/>

download **pubs** at urban & community forestry page
select **St. Paul Publications**)

Publications include:

- *How to Recognize Hazardous Defects in Trees*
- *How to Prune Trees*
- *Asian Longhorn Beetle*
- *Urban Forestry Laboratory Exercises for Elementary, Middle & High School Students*

Human Dimensions in Urban & Community Forestry

Outstanding site to help you place dollar value on your community forest

www.cfr.washington.edu/research.envmind/

Grant Information

The Foundation Center (sources of grants)

<http://foundationcenter.org/>

Council on Foundations

www.cof.org

EPA Grants

<http://www.epa.gov/ogd/>

Catalog of Federal Domestic Assistance

<http://12.46.245.173/cfda/cfda.html>

Books & Bulletins

Diseases of Trees & Shrubs

Wayne A. Sinclair, Howard H. Lyon & Warren T. Johnson. 1987
Comstock Pub. Assoc.
Cornell Univ. Press.
ISBN 0-8014-1517-9

Insects That Feed On Trees & Shrubs

Warren T. Johnson & Howard H. Lyon, 2nd Edition
Revised
ISBN 0-8014-2602-2

For a catalog on books of related interest write:
Advertise & Promo Dept, Cornell University Press;
124 Roberts Place
Box 250
Ithaca, NY 14851-0250

Tree City USA Bulletin

The National Arbor Day Foundation
100 Arbor Avenue
Nebraska City, NE 68410

Arboriculture – Integrated Management of Landscape Trees, Shrubs, and Vines Richard W.

Harris 1999
Prentice-Hall, Inc.,
Upper Saddle River, NJ 07458
ISBN 0-13-386665-3

American Standard for Nursery Stock

ANSI Z60.1-1990
American Asso. of Nurserymen Inc
1250 I St. N.W., Suite 500
Washington, D.C. 20005

American National Standard for Tree Care Operations -- Tree, Shrub and Other Woody Plant Maintenance -- Standard Practices

ANSI A300-2001

American National Standards Institute
11 W 42nd Street
New York, New York 10036

Manual of Woody Landscape Plants

Michael A. Dirr
1997 or latest edition
Stipes Pub. Co.
P.O. Box 526
Champaign, Ill. 61824
ISBN 0-87563-800-7

Blank Worksheets

TREE ADVISORY BOARD

Date Tree Advisory Board was established:_____.

Member List

Name:

Address:

Phone:

Meeting Dates

(List meeting dates and brief description below)

FINANCIAL WORKSHEET

CITY, TOWN, OR VILLAGE: _____.

Please provide the following financial information about your community forestry program. In-kind contributions and private donations are acceptable as are receipts that are deposited into the forestry budget.

SEE LIST OF QUALIFYING EXPENDITURES FOR SPECIFIC EXPENSES.

NOTE: No more than 20% of the minimum per capita expenditure may be associated with power line maintenance costs by a municipally owned utility and no more than 20% of the minimum per capita expenditure may be associated with volunteer labor.

- **Tree Planting and Initial Care**

Includes plant material, planting, staking, wrapping, watering, mulching, competition control, etc. *Please describe your costs.*

\$

- **Community Forest Management**

Includes public education, professional training, memberships, street and park tree inventory, pest management, fertilization, pruning and all associated costs. *Please describe your costs.*

\$

- **Tree Removals**

All costs associated with tree removals. *Please describe your costs.*

\$

- **Other Activities**

Other undefined costs not already mentioned associated with the community forestry program. *Please describe your costs.*

\$

TOTAL FORESTRY BUDGET \$

POPULATION

Signature _____

Title _____

COMMUNITY FORESTRY PROGRAM ANNUAL REPORT

Community: _____

Mission Statement for Your Tree Board or Program:

Accomplishment Report (past 12 month period)

Check all that apply and enter numbers where appropriate. Add any activities not listed

A) Ordinance

_____ Adopted/Revised municipal tree management ordinance
_____ Adopted/Revised tree preservation ordinance
_____ Adopted/Revised tree planting or landscape ordinance

B) Tree Inventory

_____ Date inventory last updated

C) Education

_____ Attended education /training program
_____ Hosted tree care workshop for citizens
_____ Hosted an Arbor Day Event
_____ Other: _____
(describe)

D) Publications

_____ Created/Revised tree informational brochures
_____ Distributed educational brochures

E) Tree Pruning

_____ Number pruned

F) Tree Planting

_____ Number planted on streets
_____ Number planted in parks
_____ Number planted in other locations

G) Tree Removal

_____ Number removed dead/dying
_____ Number removed hazardous
_____ Number removed for other reasons

H) Volunteers

_____ Number of Tree Board Meetings held
_____ Average number attended
_____ Total number of hours donated by all volunteers to your community forestry program

I) Advisory Organization

Yes No

Does your community have a volunteer organization which advises on community forestry management?

J) Paid Employees

_____ Number of people employed by your community who have a Bachelor of Science in Forestry or related field **OR** who are International Society of Arboriculture Certified Arborist. Title may vary but could include City Forester, City Arborist, Urban Forester, etc.

Other: _____

Annual Work Plan
For Upcoming 12 Month Period

Please identify all activities which your community is planning on undertaking in the next 12 months. Check all that apply and add any not listed

A) Ordinance

_____Revise municipal tree management ordinance

_____Adopt/Revise tree preservation ordinance

_____Adopt/Revise tree planting or landscape ordinance

B) Tree Inventory

_____Inventory updated

C) Education

_____Attend education /training program

_____Host tree care workshop for citizens

_____Host an Arbor Day Event

_____Other: _____
(describe)

D) Publications

_____Create/Revise tree informational brochures

_____Distribute educational brochures

E) Tree Pruning

_____Number to be pruned

F) Tree Planting

_____Number to be planted on streets

_____Number to be planted in parks

_____Number to be planted in other locations

G) Tree Removal

_____Number to be removed which are dead/dying

_____Number to be removed which are hazardous

_____Number to be removed for other reasons

H) Volunteers

_____Number of Tree Board Meetings planned

I) Paid Employees

_____Additional employees to be hired by your community who have a Bachelor of Science in Forestry or related field **OR** who are Certified Arborist through the International Society of Arboriculture. Title may vary but could include City Forester, City Arborist, Urban Forester, etc.

Other: _____

Model Application

TREE CITY USA

Application

Mail completed application with requested attachments to your state forester no later than December 31. The TREE CITY USA award is made in recognition of work completed by the city during the calendar year. Please provide information for the year ending.

(Some states require information in addition to that requested on this application. Check with your state forester.)

As Mayor of the city Dogwood Bluff,
(Title -Mayor or other city official)

I herewith make application for this community to be officially recognized and designated as a Tree City USA for 2006
having achieved the standards set forth by The National Arbor Day Foundation as noted below. (year)

Standard I: A Tree Board or Department

List date of establishment of board, board members, and meeting dates for the past year; or name of city department and manager.

See Attached

Standard 2: A Community Tree Ordinance

Date ordinance established January 2, 2003
Attach ordinance.

Standard 3: A Community Forestry Program with an Annual Budget of at Least \$2 Per Capita

Total community forestry expenditures \$ 3,450
Community population 1,500

Attach annual work plan outlining the work carried out during the past year. Attach breakdown of community forestry expenditures.

Standard 4: An Arbor Day Observance and Proclamation

Date observance was held April 4, 2006
Attach program of activities and/or news coverage. Attach Arbor Day proclamation.

Signature	Title	Date
Please type or print the following:		
Mayor or equivalent		City Forestry Contact
Name: <u>Susie Cue</u>	Name: <u>Jamie Forester</u>	
Title: <u>Mayor</u>	Title: <u>Community Forester</u>	
Address: <u>111 12th Street</u>	Address: <u>111 12th Street</u>	
City, State, Zip: <u>Dogwood Bluff, MO 65555</u>	City, State, Zip: <u>Dogwood Bluff, MO 65555</u>	
Phone#: <u>444-444-4444</u>	Phone#: <u>444-444-4444</u>	

NOTE: Application will not be processed without Attachments.

Certification

(To Be Completed By the State Forester)

(Community)

The above named community has made formal application to this office. I am pleased to advise you that we reviewed the application and have concluded that, based on the information contained herein, said community is eligible to be recognized and designated as a Tree City USA, for the _____ calendar year, having in my opinion met the four standards of achievement in urban forestry.

Signed _____
State Forester Date

Person in State Forester's Office who should receive recognition material:

Name: _____ UPS Address: _____
Title: _____ City, State, Zip: _____
Agency: _____ Phone#: _____

TREE ADVISORY BOARD
Dogwood Bluff, Missouri

Date Tree Advisory Board was established: March 16, 2003.

Member List

Name:	Address:	Phone:
<u>June Berry</u>	<u>247 Hilltop Lane</u>	<u>555-5678</u>
<u>B. "Red" Alder</u>	<u>315 NW Pacific Place</u>	<u>555-5549</u>
<u>Morris White</u>	<u>101 Mulberry Way</u>	<u>555-4545</u>
<u>Magnolia Flowers</u>	<u>413 South Street</u>	<u>555-1234</u>
<u>Robinia Black</u>	<u>635 Locust</u>	<u>555-8978</u>

Meeting Dates

(List meeting dates and brief description below)

January 15 – Revise Annual Work Plan
April 7 – Organize Arbor Day Celebration
July 15 – Discussed programming ideas
September 21 – Discussed upcoming events
November 15 – Completed Tree City USA application

ORDINANCE NO. 1332**CITY OF DOGWOOD BLUFF, MISSOURI**

AN ORDINANCE REGULATING THE PLANTING, MAINTENANCE AND REMOVAL OF TREES, SHRUBS AND OTHER PLANTS UPON CITY PROPERTY IN THE CITY OF DOGWOOD BLUFF, MISSOURI.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF DOGWOOD BLUFF, MISSOURI AS FOLLOWS:

Section 1. Definitions

Street Trees: “Street trees” are defined as trees, shrubs, bushes, and all other woody vegetation on land lying between the property lines on either side of all streets and avenues within the city/village.

Park Trees: “Park trees” are defined as trees, shrubs, bushes, and all other woody vegetation in public parks.

Public Community Forest: “Public community forest” is defined as all street and park trees, and other trees owned by the city as a total resource.

Private Community Forest: “Private community forest” is defined as all trees within municipal boundaries but not owned by the city.

Community Forest Manager: The “community forest manager” is defined as the official (public employee) representative of the Tree Board and as such is responsible for administration of the community forestry program.

Section 2. Purpose

It is the purpose of this ordinance to promote and protect the public health, safety and general welfare by providing for the regulation of the planting, maintenance and removal of trees, shrubs and other plants within the City of Dogwood Bluff, Missouri. It is also to manage Dogwood Bluff’s community forest in a strong, healthy condition for today and the future of Dogwood Bluff, Missouri.

Intent:

It is the intent of the Board of Alderman of the City of Dogwood Bluff that the terms of this ordinance shall be construed so as to promote:

1. The planting, maintenance, restoration and survival of desirable trees, shrubs and other plants within the City. The protection of community residents from personal injury and property damage and the protection of the City of Dogwood Bluff from property damage, caused or threatened by the improper planting, maintenance or removal of trees, shrubs or other plants located within the community.

Section 3. Creation and Establishment of a City Tree Board

There is hereby created and established a City Tree Board for the City of Dogwood Bluff, Missouri, which shall consist of five members, citizens and residents of this city, who shall be appointed by the mayor with the approval of the City Council. The community forest manager shall be an ex-officio member of the City Tree Board.

Section 4. Term of Office

The term of the five persons to be appointed by the mayor shall be three years except that the term of two of the members appointed to the first board shall be for only one year and the term of two members of the first board shall be for two years. In the event that a vacancy shall occur during the term of any member, a successor shall be appointed for a new three year term.

Section 5. Compensation

Members of the Tree Board shall serve without compensation.

Section 6. Duties and Responsibilities

It shall be the responsibility of the Tree Board to study, investigate, council and develop and/or update annually, and administer written plans (annual and long range) for the care, replacement, maintenance, and removal or disposition of trees and shrubs in parks, along streets and in other public areas. Such a plan will be presented annually to the City Council and upon their acceptance and approval shall constitute the official comprehensive city tree plan for the City of Dogwood Bluff, Missouri.

The Tree Board, when requested by the City Council, shall consider, investigate, make finding, report, and recommend upon any special matter or question relating to trees.

Section 7. Operation

The Tree Board shall choose its own officers, make its own rules and regulations and keep a journal of its proceedings. A majority of the members shall be a quorum for the transaction of business.

Section 8. Street Tree Species to be Planted

The City of Dogwood Bluff, Missouri shall maintain an extensive list of recommended trees for planting in public areas. The purpose of this listing will be to maintain diversity in the total tree population. This list shall be available to residents of the city upon request to aid in the selection of trees for private and public properties. The list of recommended trees shall be updated periodically by the Community Forest Manager to reflect new developments or species that will affect the population of the community forest.

Section 9. Distances and Clearances for Planting

Street trees may be planted in the tree lawn where this is no less than six feet between the edge of the sidewalk and the curb of the street. Street trees shall be planted no closer than three feet from a sidewalk, driveway, or street.

No street tree shall be planted closer than 10 feet from any street corner, measured from the point of the nearest intersection of curbs or curblines.

No street tree shall be planted closer than 10 feet from any fireplug.

Special permission must be obtained from the community forest manager when planting street trees within 10 feet of any point on a line on the ground immediately below any overhead utility wire.

Section 10. Public Tree Care

The City shall have the right to plant, prune, maintain, and remove trees, plants and shrubs within the rights-of-way or bounds of all streets, alleys, lanes, squares, and public grounds, as may be necessary to insure public safety. All tree pruning and removal will be done in accordance with the most current *ANSI A300 Tree Shrub and Other Woody Plant Maintenance - Standard Practices*.

The City may remove or cause or order to be removed any tree or part thereof which is in an unsafe condition or which by reason of its nature is injurious to electric power lines or other public improvements, or is seriously affected with any fatal disease,

The abutting property owners shall have the right to perform normal tree care on all street trees.

Section 11. Permits Required

No person shall plant a street tree without first obtaining a permit from the community forest manager. There will be no fee for such permit.

Section 12. Compensatory Payments

No person shall remove any public tree without replacing such tree with a tree or trees of equivalent dollar in the vicinity of the removed tree. The value of trees shall be determined by the community forest manager in accordance with regulations considering the species, location, size and condition of trees adopted by the Tree Board. If not suitable location exists in the vicinity of the tree removed or if the replacement tree is of lesser value, the person causing the tree to be removed shall make a compensatory payment to the city equal to the difference in value between the tree removed and any replacement tree. Such compensatory payment shall be paid into a fund established by the director of finance and used solely for the purpose of enhancing the community forest.

Section 13. Tree Topping

It shall be unlawful as a normal practice for any person, firm, or city department to top any street tree, park tree, or other tree on public property. Topping, rounding off or pollarding is defined as the systematic cutting back of limbs within the tree's crown to such a degree as to remove the normal canopy and disfigure the tree. Trees severely damaged by storms or other causes, or certain trees under utility wires or other obstructions where other pruning practices are impractical may be exempted from this section at the determination of the community forest manager or Tree Board.

Section 14. Clearance Over Streets and Walkways

Clearance over streets and walkways shall be the responsibility of the abutting property owner. A clearance of 8 feet must be maintained over walkways and a clearance of 12 feet must be maintained over streets and alleys. Property owners are responsible for trees on their own property as well as trees on the public right-of-way that abuts their property.

Section 15. Dead or Hazard Tree Removal

The City shall have the right to cause to be removed any tree within the city that is dead or has been declared hazardous. Hazard trees are defined as trees with severe structural defects or splits. The City will notify in writing the owners of such trees. Removal is the responsibility of the owners of such trees and shall be accomplished within the time limits set by the community forest manager.

Section 16. Interference with the Tree Board

It shall be unlawful for any person to prevent, delay, or interfere with the Community Forest Manager, the Tree Board or any of its representatives or agents, while engaging in and about the planting, cultivating, mulching, pruning, spraying, or removing of any trees within the public community forest.

Section 17. Enforcement

The Community Forest Manager is hereby charged with the responsibility for the enforcement of this ordinance and may serve notice to any person, firm, or corporation in violation thereof or institute legal proceedings as may be required and the City Attorney is hereby authorized to institute appropriate proceedings to that end.

Section 18. Access

It shall be unlawful for any person to prevent, delay, or interfere with access to private property by the city or its representative in the legal performance of any section of this ordinance.

Section 19. Penalty

Any person, firm or corporation violating any provision or fails to comply with any notice issued pursuant to the provisions of this ordinance, shall, upon conviction, be punished by a fine not exceeding five hundred dollars (\$500.00) or by imprisonment in the city or county jail for a term not exceeding ninety (90) days or by both such fine and imprisonment.

Section 20. Arborist Certification and Insurance

Persons or firms engaged in the business or occupation of pruning, treating, or removing any street tree, park tree or other privately owned tree should be recognized by the International Society of Arboriculture as a Certified Arborist or Certified Tree Worker. All persons or firms must carry evidence of liability insurance and workmen's compensation. No certification shall be required by any public employee doing such work in the pursuit of their public service endeavors.

Section 21. When Operative

This Ordinance shall be in full force and effect from and after its passage, approval, and publication according to law.

ADOPTED AND PASSED by the Mayor and City Council of the City of Dogwood Bluff, Greenwood County, Missouri, this ____ day of _____, 20__.

FINANCIAL WORKSHEET

CITY, TOWN, OR VILLAGE: Dogwood Bluff.

Please provide the following financial information about your community forestry program. In-kind contributions and private donations are acceptable as are receipts that are deposited into the forestry budget.

SEE LIST OF QUALIFYING EXPENDITURES FOR SPECIFIC EXPENSES.

NOTE: No more than 20% of the minimum per capita expenditure may be associated with power line maintenance costs by a municipally owned utility and no more than 20% of the minimum per capita expenditure may be associated with volunteer labor.

- **Tree Planting and Initial Care**

Includes plant material, planting, staking, wrapping, watering, mulching, competition control, etc. *Please describe your costs.*

\$ 1,275.00

- **Community Forest Management**

Includes public education, professional training, memberships, street and park tree inventory, pest management, fertilization, pruning and all associated costs. *Please describe your costs*

Community tree inventory in 5 parks	\$10,500
Hazard limb pruning	\$20,000
Training – ISA Certified Arborist testing.	\$ 500
Wood waste recycling	\$ 9,000

\$ 50,000.00

- **Tree Removals**

All costs associated with tree removals. *Please describe your costs.*

\$ 16,400.00

- **Other Activities**

Other undefined costs not already mentioned associated with the community forestry program. *Please describe your costs.*

\$ 0.00

TOTAL FORESTRY BUDGET \$ 67,675.00

POPULATION 1,500

Signature _____

Title _____

**COMMUNITY FORESTRY PROGRAM
ANNUAL REPORT**
Community: Dogwood Bluff

Mission Statement for Your Tree Board or Program:

Create a healthy community forest in our community that attracts new residents and business through careful management of all trees in public places.

Accomplishment Report (*past 12 month period*)

Check all that apply and enter numbers where appropriate. Add any activities not listed

K) Ordinance

 Adopted/Revised municipal tree management ordinance
 Adopted/Revised tree preservation ordinance
 Adopted/Revised tree planting or landscape ordinance

L) Tree Inventory

 2006 Date inventory last updated

M) Education

 X Attended education /training program
 X Hosted tree care workshop for citizens
 X Hosted an Arbor Day Event
 X Other: 2 people certified by ISA
 (describe)

N) Publications

 Created/Revised tree informational brochures
 Distributed educational brochures

O) Tree Pruning

 100 Number pruned

P) Tree Planting

 29 Number planted on streets
 10 Number planted in parks
 Number planted in other locations

Q) Tree Removal

 12 Number removed dead/dying
 Number removed hazardous
 Number removed for other reasons

R) Volunteers

 5 Number of Tree Board Meetings held
 5 Average number attended
 360 Total number of hours donated by all volunteers to your community forestry program

S) Advisory Organization

X Yes No

Does your community have a volunteer organization which advises on community forestry management?

T) Paid Employees

 2 Number of people employed by your community who have a Bachelor of Science in Forestry or related field **OR** who are International Society of Arboriculture Certified Arborist. Title may vary but could include City Forester, City Arborist, Urban Forester, etc.

Other: _____

Annual Work Plan
For Upcoming 12 Month Period

Please identify all activities which your community is planning on undertaking in the next 12 months. Check all that apply and add any not listed

Ordinance

_____ Revise municipal tree management ordinance

_____ Adopt/Revise tree preservation ordinance

_____ Adopt/Revise tree planting or landscape ordinance

Tree Inventory

_____ Inventory updated

Education

 X Attend education /training program

 X Host tree care workshop for citizens

 X Host an Arbor Day Event

_____ Other: _____
(describe)

Publications

_____ Create/Revise tree informational brochures

_____ Distribute educational brochures

Tree Pruning

 40 Number to be pruned

Tree Planting

 30 Number to be planted on streets

 30 Number to be planted in parks

_____ Number to be planted in other locations

Tree Removal

 3 Number to be removed which are dead/dying

 18 Number to be removed which are hazardous

_____ Number to be removed for other reasons

Volunteers

 5 Number of Tree Board Meetings planned

Paid Employees

_____ Additional employees to be hired by your community who have a Bachelor of Science in Forestry or related field **OR** who are Certified Arborist through the International Society of Arboriculture. Title may vary but could include City Forester, City Arborist, Urban Forester, etc.

Other: _____ * Create a preparedness plan to address an Emerald Ash Borer infestation

City of Dogwood Bluff Tree Management Plan Initial Plan 2006

Introduction

The City of Dogwood Bluff has had a Tree Planting Committee since 1986. In 1998, this committee was formally changed to the Dogwood Bluff Tree Board when the city's tree ordinance was passed as part of an effort to improve the health of Dogwood Bluff's trees and to qualify as a Tree City USA. This plan is part of those continuing efforts. The plan includes inventory, high risk tree assessment and removal or pruning, routine pruning according to ANSI A300 specification, training of city employees and volunteers, and tree planting.

Inventory

The basis for a good community tree management plan is good data about the community's trees. Dogwood Bluff's street and park trees will be inventoried over a four year period by a professional forester and volunteers. Main Street and First Street divide the City into quadrants. The northwest quadrant will be inventoried first, then the northeast, then the southeast, and finally the southwest. The inventory will be comprehensive and will include data about tree species, size, condition, maintenance needs and priority, and location. High-risk trees will be assigned the highest priority for maintenance. The locations will be mapped into the City's Geographic Information System. A professional forester will coordinate the inventory and will train volunteers to help carry out the inventory. City personnel will assist with mapping, data base set-up, data entry, and inventory so that the data will be most useful to the people who use it most.

Tree Maintenance

Inventory data will be used to schedule high-risk tree maintenance (removal or pruning) first, then routine tree maintenance for each quadrant in the year of and the year following the inventory. It is expected that with additional training, city crews will be able to complete most of the routine maintenance as well as some of the high-risk tree pruning and removal. There will undoubtedly be a need to contract with an arborist for work that is beyond the capabilities of city crews and equipment, but only the most rudimentary of estimates will be available until the first phase of the inventory is complete.

Training

The city will contract with a professional forester or arborist to provide pruning training using ISA (International Society of Arboriculture) materials. In future years, training in other aspects of tree care will be provided, and at least one crewmember will be encouraged to become a certified arborist.

Tree Planting

Tree planting efforts will be concentrated on the newly developed West Park for the next two or three years. The Parks and Recreation Department has a planting plan that can be divided into phases for this purpose. Future street right-of-way planting plans will follow the inventory, and will be based on identified potential planting spaces.

Implementation Schedule

2006-2007

- Inventory northwest quarter of city. (Tree board, consultant, volunteers)
- Complete pruning training for city public works crews. (Consultant, Public Works)
- Complete high priority tree maintenance in the northwest quarter. (Public Works)
- Plant 100 trees at West Park. (Tree Board, volunteers)

2007-2008

- Inventory northeast quarter of city. (Tree Board, consultant, volunteers)
- Complete high priority tree maintenance in the northeast quarter. (Public Works)
- Complete routine tree maintenance work in the northwest quarter. (City)
- Plant 50 -100 trees at West Park. (Tree Board, volunteers)
- Remulch and inspect first trees planted at West Park. (Tree Board, volunteers)

2008-2009

- Inventory southeast quarter of city. (Tree Board, consultant, volunteers)
- Complete high priority maintenance in the southeast quarter. (Public Works)
- Complete routine maintenance in the northeast quarter. (Public Works)
- Plant 50 trees at West Park. (Tree Board, volunteers)
- Remulch/inspect first & second trees planted at West Park. (Tree Board, volunteers)

2009-2010

- Inventory southwest quarter of city. (Tree Board, consultant, volunteers)
- Complete high priority maintenance in the southwest quarter. (Public Works)
- Complete routine maintenance in the southeast quarter. (Public Works)
- Remulch, inspect, replant as needed, all West Park trees. (Tree Board, volunteers)

2010-2011

- Complete any delayed high priority maintenance. (Public Works)
- Complete routine maintenance in southeast quarter. (Public Works)
- Choose a planting project based on inventory information. (Tree Board, volunteers)

2011-2012

- Review this plan, begin inventory cycle again, review routine maintenance schedule, choose planting project. (Tree Board, Public Works, volunteers)



PROCLAMATION

WHEREAS, the City of Blue Springs is truly blessed with a number of individuals and organizations who care deeply about trees and the natural environment we enjoy within our community; and

WHEREAS, in 1872, J. Sterling Morton first proposed that a special commemorative day be officially established for the planting of trees; and in 1970, the United States Congress set aside a special day to acknowledge mankind's responsibility to the natural environment; and

WHEREAS, this holiday, now designated as Arbor Day, is observed nationally on an annual basis during the months of March and April; and

WHEREAS, trees and the natural environment serve to assist the moderation of temperature, clean the air we breathe, produce oxygen and habitat for wildlife, and provide a source of joy, beauty, and spiritual renewal for the community; and

WHEREAS, trees and proper care for our Blue Springs environment serve to increase property values, enhance the vitality of business areas, and serve to beautify our surroundings; and

WHEREAS, City officials, staff and residents have a deep commitment toward addressing those issues involved with beautification of our local environment, as witnessed through thirty years of the City's Tree Planting Program, establishment of the Blue Springs Tree Committee and Blue Springs Solid Waste Management Commission, and completion of beautification and educational efforts to better serve the public; and

WHEREAS, the City of Blue Springs has been recognized for sixteen years as a Tree City USA by the National Arbor Day Foundation, as well as the past winner of the State of Missouri Governor's Town Treescape Award, and desires to continue supporting environmental efforts within the community.

NOW, THEREFORE, I, Steven Steiner, Mayor of the City of Blue Springs, Missouri, do hereby proclaim April 26, 2006, as:

"ARBOR DAY"

in the City of Blue Springs, and I urge our citizens to support efforts that focus upon environmental betterment and the planting of trees.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the City of Blue Springs to be affixed this 25th day of April, 2006.



Steven K. Steiner
Steven K. Steiner, Mayor

ATTEST:

Dianne Gardner
Dianne Gardner, City Clerk